

a2 not 96 slots (that is three times as many as 32 poles) but 192 slots are provided for a 32-pole-three-phase generator; or 144 slots are provided for a 24-pole-three-phase generator.

Otherwise stated, the number (n) of the slots is equal to or larger than twice as many as the product of the number (p) of the magnetic poles and the number (m) of the phases of the stator that is,  $n \geq 2 p \times m$ . The extra-many-slot structure increases the contact area of the in-slot portions of conductor segments 33 with the slot inner walls via insulators, so that the heat dissipation of conductor segments can be more improved.

Page 23, line 1, delete current heading and insert new heading therefore:

a3 ABSTRACT

✓ IN THE CLAIMS:

✓ Please cancel claim 5 without prejudice to or disclaimer of the subject matter contained therein.

Please replace claim 1 as follows:

- a4
1. (Amended) A liquid-cooled vehicle rotary electric machine operable in a motor mode or a generator mode comprising:
- sub B
- a frame having an inner periphery and a liquid passage;
  - a stator core having an outer periphery fixedly fitted to said inner periphery of said frame and a plurality of slots;
  - a multi-phase stator winding accommodated in said plurality of slots;
  - a rotor rotatably supported by said frame and disposed inside said stator core so as to electro-magnetically connect said stator core; wherein
  - said stator winding comprises a plurality of insulated U-shaped conductor segments each of which has a pair of legs, and